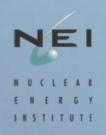
Nuclear Regulatory Commission Briefing on New Plants

April 30, 2008



Industry Panel

- Christopher M. Crane, Chief Operating Officer,
 Exelon Generation, Chairman, New Plant
 Oversight Committee
- Stephen A. Byrne, Chief Nuclear Officer, South Carolina Electric & Gas, Chairman NEI New Plant Working Group
- Anthony R. Pietrangelo, Vice President, Regulatory Affairs, NEI



Discussion Topics

- Current Process Overview
- Technical/Policy Issues
- Industry Priorities
- Conclusion



Current Process Overview

- Companies will move forward with COL applications
 - Construction decision based on numerous considerations not just COL issuance
- Constructive industry-NRC-public interaction
 - Site scoping visits
 - Design-Centered Review Approach
- Potential Process Issues
 - Implementing new/revised rules
 - Enhancing the environmental review process



Technical/Policy Issues

- Maintaining standardization & high quality applications
- Level of Safety
 - Industry developed safer designs consistent with Advanced Reactor Policy Statement
 - Same regulated safety standard for new and existing plants
- Implementing PRA requirements for new plants
- Supply chain qualifications



Industry Priorities

- Generation III+ deployment (next decade)
- Response to COL & DC RAIs
- Finalize understandings on COL implementation processes:
 - Construction inspection, enforcement and assessment
 - ITAAC close-out process, including fuel load authorization process
- Complete rulemakings
 - Waste Confidence
 - Part 73
 - Aircraft Impact Assessment



Conclusion

- Challenges of parallel reviews recognized
 - Industry & NRC staff coming to grips with details of COL processes
- Need for integrated industry & NRC COL review schedules
 - Incorporate benefits of design centered reviews
- Good NRC-applicant-public communication



List of Acronyms

- COL Combined Construction Permit and Operating License
- DC Design Certification
- NRC -- Nuclear Regulatory Commission
- PRA Probabilistic Risk Assessment
- RAI Request for Additional Information

